Amendments to the Claims

1. (original) A mounting system for a baseboard radiator, comprising a back plate, the back plate comprising:

a rear portion;

a lower flange disposed at a first predetermined angle with the rear portion;

a top portion disposed at a second predetermined angle with the rear portion; and

a front flange disposed at predetermined angle with the top portion,

wherein the back plate is adapted and constructed to retain a core assembly having a rear groove in an underside of the core.

2. (original) The mounting system of claim 1, further comprising a starter plate, comprising:

an elongated flat plate; and

a first flange extending for the length of the starter plate and forming a fourth predetermined angle with the flat plate,

wherein the size of the fourth predetermined angle is approximately equal to 180° less the size of the first predetermined angle, and

when the starter plate is mounted on a wall, the first flange and the wall define a groove that is adapted and constructed to receive a wedge defined by the lower flange and the rear portion.

3. (original) The mounting system of claim 2, wherein the starter plate further comprises a second flange that extends along the length of the starter plate and defines a fifth predetermined angle with the flat plate.

4. (original) The mounting system of claim 3, wherein the fifth predetermined angle is approximately the same size as a fourth predetermined angle.

5. (original) The mounting system of claim 1, wherein the first predetermined angle is about

45°.

6. (original) The mounting system of claim 1, wherein the second predetermined angle is approximately 90°.

7. (original) The mounting system of claim 1, wherein the third predetermined angle is approximately 90°.

8. (original) The mounting system of claim 1, wherein the back plate further comprises a plurality of staggered horizontal slots that are adapted and constructed to permit attachment of the back plate to a wall at a predetermined plurality of points on the wall.

9. (original) The mounting system of claim 1, wherein the backplate further comprises a plurality of raised indentations disposed in a member of the rear portion, the top portion, and both, wherein the indentations are directed towards the interior of the angle defined by the rear portion and the top portion.

10. (original) The mounting system of claim 1, further comprising a cover, the cover comprising:

a front face;

a pivot flange disposed along a bottom edge of a front face that, when the cover is installed, engages a front groove in an underside of the core;

an angled face disposed at an upper edge of the front face;

an upper face adjacent to the angled face that, when the cover is installed, is parallel to the top portion of the back plate; and

a fixing flange disposed at the second predetermined angle with the upper face that, when the cover is installed, is disposed between the rear portion and the wall.

11. (original) The mounting system of claim 10, wherein the angled face comprises a

plurality of apertures having at least one preselected shape.

12. (original) A radiating fin, comprising:

a lower edge comprising a rear notch for engaging a mounting system; and

a connecting edge extending between a front edge and the a top edge of the fin, wherein at least a portion of the connecting edge is neither parallel to the front edge nor perpendicular to the top edge.

13. (original) The radiating fin of claim 13, further comprising:

a front flange extending from at least a portion of the front edge of the fin;

a rear flange extending from at least a portion of a rear edge of the fin; and

a top flange extending from at least a portion of the top edge of the fin.

14. (original) The radiating fin of claim 12, further comprising a plurality of round apertures each comprising a circumferential flange.

15. (original) The radiating fin of claim 12, wherein the top edge is shorter than the lower edge.

16. (currently amended) A radiating fin, comprising:

a lower edge comprising a rear notch for engaging a mounting system; and

a plurality of round apertures ~~each comprising a circumferential flange~~.

17. (original) The radiating fin of claim 16, further comprising:

a front flange extending from at least a portion of a front edge of the fin;

a rear flange extending from at least a portion of a rear edge of the fin; and

a top flange extending from at least a portion of a top edge of the fin.

18. (original) A radiating fin, comprising:

a lower edge comprising a rear notch for engaging a mounting system;
a front flange extending from at least a portion of a front edge of the fin;
a rear flange extending from at least a portion of a rear edge of the fin; and
a top flange extending from at least a portion of a top edge of the fin.

19. (new) The radiating fin of claim 16, wherein each of the round apertures includes a circumferential flange.

20. (new) A cover for a radiator comprising a back section, a top section, said top section being oriented perpendicularly to said back section, a front section, and an engaging edge located at the lower edge of said front section.

21. (new) The cover of claim 20, wherein the front section includes a top front section having multiple apertures.

22. (new) The cover of claim 20, wherein the cover is fabricated from coated aluminum.

23. (new) The cover of claim 20, wherein the front section further includes a bottom front section having said lower edge, wherein the top front section is oriented at an obtuse angle to the top section and wherein the top front section and the bottom front section are not coplanar.